

WE CLAIM:

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A' 1.  
5 A system comprising:

a server;

a first client coupled to said server;

10 wherein said server is configured to login a first user and a second user, wherein said first client is configured to execute a first instance of a test program by said first user and a second instance of said test program by said second user substantially concurrently, wherein said first instance of said test program is configured to cause a first access to a first file on said server, wherein said second instance of said test program is configured to cause a second access to a second file on said server, wherein said first client is configured to store a first latency value associated with said first access, and wherein said second client is configured to store a second latency value associated with said second access.

20 2. The system of claim 1, wherein said server is configured to verify that said first user has permission to access said first file in response to said first access.

25 3. The system of claim 2, wherein said first latency value represents a first time portion corresponding to said first access and a second time portion corresponding to said server verifying said first user has permission to access said first file.

4. The system of claim 1, wherein said first user corresponds to a first user type, and wherein said second user corresponds to a second user type.

5. The system of claim 4, wherein server is configured to create a first directory for said first user, wherein said server is configured to populate said first directory with a first plurality of files according to said first user type, wherein said first plurality of files includes said first file, wherein server is configured to create a second directory for said second user, wherein said server is configured to populate said second directory with a second plurality of files according to said second user type, and wherein said second plurality of files includes said second file.

6. The system of claim 5, wherein said first instance of said test program is configured to identify each of said first plurality of files in said first directory, wherein said first instance of said test program is configured to create a first order of said first plurality of files using a first seed value, wherein said second instance of said test program is configured to identify each of said second plurality of files in said second directory, and wherein said second instance of said test program is configured to create a second order of said second plurality of files using a second seed value.

7. The system of claim 1, further comprising:

a second client coupled to said server;

wherein said server is configured to login a third user, wherein said second client is configured to execute a third instance of said test program by said third user substantially concurrently with initiating said first instance and said second instance, wherein said third instance of said test program is configured to cause a third access to a third file on said server, and wherein said second client is configured to store a third latency value associated with said third access.

8. The system of claim 7, wherein said server is configured to verify that said third user has permission to access said third file.

9. The system of claim 8, wherein said third latency value represents a first time portion corresponding to said third access and a second time portion corresponding to said server verifying said third user has permission to access said third file.

10. The system of claim 1, wherein said server is configured to login said first user using a first operating system protocol, and wherein said server is configured to login said second user using a second operating system protocol.

11. The system of claim 1, wherein said server is configured to convey a first token to said first client in response to logging in said first user, and wherein said server is configured to convey a second token to said first client in response to logging in said second user.

12. The system of claim 11, wherein said server is configured to verify that said first user has permission to access said first file in response to said first access using said first token, and wherein said server is configured to verify that said second user has permission to access said second file in response to said second access using said second token.

13. The system of claim 1, wherein said first instance of said test program is configured to cause a third access to a third file on said server, wherein said second instance of said test program is configured to cause a fourth access to a fourth file on said server, wherein said first client is configured to store a third latency value associated with said third access, and wherein said second client is configured to store a fourth latency value associated with said fourth access.

14. The system of claim 1, wherein said first access comprises a first read access or a first write access, and wherein said second access comprises a second read access or a second write access.

15. A method comprising:

logging in a first user to a server;

5 logging in a second user to said server;

executing a first instance of a test program by said first user including:

performing a first access to a first file on said server; and

10 storing a first latency value associated with said first access; and

executing a second instance of said test program by said second user substantially  
concurrently with said executing said first instance of said test program including:

15 performing a second access to a second file on said server; and

storing a second latency value associated with said second access.

20 16. The method of claim 15, further comprising:

verifying that said first user has permission to access said first file in response to said first  
access.

25 17. The method of claim 16, wherein said first latency value represents a first time portion  
corresponding to said first access and a second time portion corresponding to said verifying.

18. The method of claim 15, wherein said first user corresponds to a first user type, and wherein said second user corresponds to a second user type.

19. The method of claim 18, further comprising:

creating a first directory for said first user;

populating said first directory with a first plurality of files according to said first user type, wherein said first plurality of files includes said first file;

creating a second directory for said second user; and

populating said second directory with a second plurality of files according to said second user type, wherein said second plurality of files includes said second file.

20. The method of claim 19, further comprising:

wherein said executing said first instance further comprises:

identifying each of said first plurality of files in said first directory; and

creating a first order of said first plurality of files using a first seed value; and

wherein said executing said second instance further comprises:

identifying each of said second plurality of files in said second directory; and

creating a second order of said second plurality of files using a second seed value.

21. The method of claim 15, further comprising:

wherein said logging in said first user further comprises:

logging in said first user using a first operating system protocol; and

wherein said logging in said second user further comprises:

logging in said second user using a second operating system protocol.

22. The method of claim 15, further comprising:

generating a first token in response to said logging in said first user; and

generating a second token in response to said logging in said second user.

23. The method of claim 22, further comprising:

verifying that said first user has permission to access said first file in response to said first access using said first token; and

verifying that said second user has permission to access said second file in response to said second access using said second token.

24. The method of claim 15, wherein said first access comprises a first read access or a first write access, and wherein said second access comprises a second read access or a second write access.